

# CASEY TZENG

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## SUMMARY

Highly motivated, creative, results oriented manager with proven track record of hands-on new product development and profitable manufacturing operations. Team player experienced in building, managing, and executing operations in a profitable manner.

## EXPERIENCE

### FONTANA ROOFING PRODUCTS

Fontana, CA

2004 - present

Led efforts for cost-reduction saving the company over \$1.0M in raw material, product efficiency, waste reduction and other manufacturing costs.

### Director of Technical Services & Research and Development

- Responsible for improving production efficiency, cost reduction and product quality improvement. Resulted in improved production efficiency by 5% and reduced raw material costs by 10%. In addition, product complaints have gone down by 15%.
- Leading development efforts for new product development.
- Responsible for all new raw material evaluation and analysis. Have evaluated and implemented 5 new materials which has helped increase production efficiency and also reduced raw material costs.
- Responsible for all complaint analysis from sales team.

### CASEY & ASSOCIATES

Irvine, CA

2003 - 2004

Consulted within the roofing industry for both raw material suppliers and manufacturers.

### Consultant

- Lcd quality improvement efforts for a roofing manufacturer by helping them improve quality and reduce waste by 15%.
- Completed asphalt evaluation for roofing manufacturer to help determine best asphalt usage for reduction in raw material costs. Saved company 10% in asphalt costs from evaluation.
- Helped roofer develop new and innovative product.
- Completed limestone evaluation and assisted in improvement plans for raw material supplier.

### MALARKEY ROOFING

Portland, OR

2001 - 2003

Helped company identify new products for development and improve overall quality of existing product line. Saved company an excess of \$1.0M per year in raw material costs, production efficiency, waste reduction, claims

### Vice President of Manufacturing

- Responsible for company's manufacturing facilities (Portland, OR, South Gate, CA and Mexico facilities) and its personnel (125 employees)...
- Budgeted, located, secured, and began operations of South Gate, California manufacturing plant (including recruiting and hiring of all plant personnel).
  - Located and qualified all raw materials
  - Managed the building and installation of SBS modified asphalt plant addition
- Worked closely with supplier to study the potential new products for production and to improve existing products (i.e. increase tear strength on asphalt shingle requirement).
- Led efforts to mend an unstable relationship between company management and union representatives
- Responsible for benchmarking company's manufacturing facility and abilities with those of competitors to improve plant efficiency
- Reduced product claims by 10% by helping substantially improve product quality and reduced overall material scrap rate (8% to 4%)
  - Solved frozen bundle problem in Alaska market which saved \$80K in claims per year
- Implemented and responsible for maintaining safety programs for injury prevention and compliance with regulatory agencies at all manufacturing plants

**Plant Manager (Portland, OR)**

- In first year with company, helped company realize its first profit in 5 years by drastically improving overall production efficiency and eliminating unnecessary manufacturing costs
- Hands on involvement in improving overall run efficiency, cost reductions, raw material evaluation, quality control improvement, process improvement and waste reduction of Portland, OR and Mexico plant
  - Improved overall production 20% by working with maintenance team to pin-point specific machinery problems
- Responsible for customer complaint analysis which helped to improve overall processing, quality and packaging of product

**FONTANA PAPER MILL**

Fontana, CA

1993-2001

*Directed new product development. Led company efforts in obtaining UL, ICBO and ASTM approval. Helped company improve production efficiency by at least 10% and also saved company an excess of \$300K per year in waste reduction and raw material usage.*

**Director of Research and Development**

- Researched, invented and obtained 3 U.S. patents on asphalt foam ridge products
- Completed numerous studies to improve roofing plant production efficiency by 20%
- Developed company's asphalt specifications and completed asphalt modifier studies
- Hands-on involvement with production cost saving, raw material cost reduction and all new technology/machinery application
- Directed Urethane Chemistry Research Department
  - Developed asphalt extended rigid urethane foam patent on molded asphalt urethane foam ridge and shingle products
- Directed Technical Service Department
  - Completed UL, ICBO, ASTM specification studies for company products
  - Responsible for all technical support for sales, regulatory agency, customer complaint investigation and interaction, analysis and processing improvement

**GS ROOFING**

South Gate, CA and Wilmington, CA

1992-1993

**Process Engineer/Quality Control Manager****LUNDAY-THAGARD ROOFING/ASPHALT PRODUCTS**

South Gate, CA

1979-1992

**Plant Manager/Quality Control Manager****EDUCATION**

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1979 Continuing Education at Chemical Engineering Department, University of Southern California, Los Angeles, CA (polyurethane series)

1977 Ph.D. Candidate; Chemistry Department, Montana State University, Bozeman, Montana (got married, wife pregnant, had to work in order to support family)

1974 M.S. Chemistry Department, Montana State University, Bozeman, Montana

1969 B.S. Chemistry Department, Cheng Kung University, Tainan, Taiwan

**MILITARY**

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1969-1970 Second Lieutenant (platoon leader)-Chinese Army (Taiwan)  
One year active duty commanding platoon; honorable discharge

**PROFESSIONAL ACTIVITIES**

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Member, American Chemical Society

Member, Society of Plastic Engineers

Member, Chinese-American Chemical Society

**PERSONAL**

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Married, two children

**REFERENCES**

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